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To: ["Direct to Mayor and Council - DL"](#)
CC: ["City Manager's Correspondence Group - DL"](#)
Date: 1/14/2021 7:28:02 AM
Subject: COVID vaccination program - update
Attachments: 2021.01.04_COVID19_Vaccination_Update.pdf

Good morning Mayor and Council,

In follow up to a recent exchange with Anita, I am writing to share what we know about BC's plans for distribution of COVID vaccines. For your information, I have attached an update that was released by the Ministry of Health earlier this month regarding the vaccination strategy. The Ministry has not yet announced details of a plan for mass vaccinations beyond the priority groups that have been identified for inclusion in the first phase (reference slides 3 and 4 of the attached deck). The one general indication that has been provided is that the mass vaccination plan will be based on age cohorts.

As of yesterday, the Ministry of Health and Dr. Henry shared additional detail regarding vaccine supply and distribution.

- BC has delivered all COVID-19 vaccine doses it has received as of yesterday morning. More Pfizer vaccines will be delivered imminently and more Moderna vaccines will be delivered Friday.
- BC has been receiving an average of 25,000 doses per week during December and January. That will scale up to an average of 68,400 doses weekly in February.
- BC is expected to receive 2.64 million doses of vaccine between April-June, about 203,777 doses per week. That's up from 792,000 doses due to be delivered between mid-December 2020 and March 2021.
- Around 6 million doses of the vaccine will arrive between July to end of September, roughly 461,538 doses per week.
- These numbers do not include the recent purchase by the federal government of 20 million doses of the Pfizer vaccine, nor other vaccines that may be approved by Health Canada in the future.
- Dr. Penny Ballem, chair of Vancouver Coastal Health, has been tasked as the executive lead for BC's COVID-19 vaccine rollout.

We expect to learn more about the plan for mass vaccination in the coming weeks, including any requests that might be coming to the City of Vancouver for logistical support (e.g. facilities).

Regarding the implications for Council's work and a timeline for return to Council chambers, we are not able to provide a precise prediction. At the outside, given the timeline for mass vaccination, we are hoping to return to normal operations by the Fall. However, in the interim, there is still considerable uncertainty regarding the duration of existing health orders and/or modification of those restrictions.

I hope the above information is useful. Please let me know if you have any additional questions.

Best,
Paul

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The City of Vancouver acknowledges that it is situated on the unceded traditional territories of the Musqueam, Squamish, and Tsleil-Waututh peoples.

Vaccination Update

Prepared for BC Ministry of Health
January 4, 2021



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Recap of BC Vaccination Plan 2021

- For Q1, all Pfizer and Moderna vaccine received in BC will be prioritized for administration to priority populations as their first dose until late January 2021.
- Second doses will be administered approximately 35 days after first dose to maximize the number of priority populations to receive the first dose.
- The scheduling of the priority groups may be modified throughout Q1 as transmission is monitored.
- BC's plan and approach for Q2 and Q3 will be set out in mid/late January for population-level vaccination.

Priority Populations for December- February

- December to February: Approximately 150,000 individuals:
 - Residents/Staff Long Term Care – approximately 70,000 individuals
 - Residents/Staff Assisted Living residences – approximately 13,000 individuals
 - Individuals in hospital or community assessed and awaiting a long term care placement – approximately 2,000 individuals
 - Essential visitors in LTC and Assisted Living – approximately 8,000 individuals
 - Hospital health care workers, paramedics, public health – approximately 30,000 individuals
 - Remote/isolated First Nation communities – approximately 25,000 individuals

Priority Populations for February - March

- February - March: Approximately 400,000 individuals for dose 1:
 - Community-based seniors 80+ (65+ Indigenous seniors and elders) – approximately 260,000 individuals
 - People experiencing homelessness and/or using shelters; provincial correctional facilities, group homes (adults); mental health residential care (adults) – up to approximately 40,000 of individuals
 - Long term home support recipients and staff – approximately 60,000 individuals
 - Hospital staff, community GPs and medical specialists – approximately 20,000 individuals
 - First Nation Communities – approximately 25,000

Q2-Q3 Mass Vaccination Strategy

- Expect approval in Canada of additional vaccines (AstraZeneca, Janssen) in Q1. Other vaccine approvals also likely.
- Expect increased volume of both Pfizer and Moderna vaccines starting in March 2021.
- Contingent on supply BC will begin a mass vaccination strategy Q1-Q2 based on age stratification in descending five-year cohorts after 80+ population is completed.
- A detailed approach and methodology is being developed – more detail to be provided mid to late January.

BC Vaccination Plan: Doses Expected

- Estimated number of doses December – March is approximately 792,000 (dose 1: 549,000; dose 2: 243,000).
 - Pfizer – approximately 542,000 doses (dose 1: 351,000; dose 2: 191,000)
 - Moderna – approximately 250,000 doses (dose 1: 198,000; dose 2: 52,000)
- Actual number of doses expected in BC not confirmed until 3-4 weeks ahead of time (by manufacturers > National Operations Committee).

Vaccine Deliveries to BC (Up to Jan 4, 2021)

- As of January 4, BC has received 54,625 doses of vaccine:
 - Pfizer - 34,125 doses received as follows:
 - Week of December 14: 3,900 doses received (to VCHA and FHA)
 - Week of December 21: 22,425 doses received (to all regional health authorities)
 - Week of December 28: 7,800 doses received (to FHA)
 - Moderna - 20,500 doses received as follows:
 - Arrived between December 28 to 31: 20,500 doses received (to all regional health authorities and FNHA – note there was a delay in the initial Moderna shipment)
- BC expects to receive 16,575 additional doses of Pfizer vaccine the week of January 4. Will arrive in all regions.

Preparation and Planning To Date

Significant planning and preparation has been required to:

- Prepare for the logistics of receiving vaccine (security, hand-over, temperature control, etc.)
- Safely store and handle vaccine (ultra-low temperature gloves, PPE, thermal containers, etc.)
- Plan and prepare for redistribution logistics (e.g. transport of Moderna vaccine to remote areas of the province)
- Plan and coordinate vaccination clinics (invite and manage logistics for priority populations)
- Train immunizers on how to handle, prepare, and administer new vaccines

Pfizer Vaccine: Distribution and Logistics

- Pfizer vaccine must be kept at ultra-low temperature (-80) and has limitations on how/where it can be moved.
- On December 21, BC received notional approval to redistribute Pfizer vaccine from point of delivery, with several conditions.
- Over the next several days, health authorities undertook planning and preparation based on:
 - Pfizer's recommendation that vaccine be frozen during transport
 - Requirement for thermal shipping containers
 - Requirement that temperature be monitored and documented during transport
 - Recommendation that transfers should be limited – handle with care
 - Requirement that vaccine can not be transported once diluted
 - Training required for those managing shipping and redistribution

Pfizer Vaccine: Distribution by Region

To January 4, Pfizer vaccine has been allocated in BC as follows:

Health Authority	Week of Dec 14	Week of Dec 21	Week of Dec 28	TOTAL
FHA	1,950	6,825	7,800	16,575
IHA	0	1,950	0	1,950
VIHA	0	1,950	0	1,950
NHA	0	1,950	0	1,950
VCHA	1,950	9,750	0	11,700
TOTAL (doses)	3,900	22,425	7,800	34,125

Pfizer Vaccine: Utilization

Up to and including January 4, 25,744 first doses of Pfizer vaccine will be administered in BC.

	FHA	IHA	VIHA	NHA	VCHA	TOTAL
To end of January 3	7,138	1,878	2,009	976	10,689	22,690
<i>Planned January 4</i>	<i>1,200</i>	<i>95</i>	<i>0</i>	<i>160</i>	<i>1,599</i>	<i>3,054</i>
Total to end of January 4	8,338	1,973	2,009	1,136	12,288	25,744

Moderna Vaccine: Distribution and Logistics

- Moderna vaccine has fewer limitations on mobility.
- To January 4, BC has received one delivery of Moderna vaccine (20,500 doses received between December 28 - 31). That vaccine was allocated as follows:

FHA	IHA	VIHA	NHA	VCHA	FNHA	TOTAL
4,500	1,900	1,900	700	2,700	8,800	20,500

- Benefit of increased mobility of vaccine has meant careful redistribution to LTC/AL sites and rural/remote locations.

Moderna Vaccine: Distribution to Indigenous Communities

- 10,700 doses of Moderna vaccine have been made available for rural and remote First Nations communities.
- To date, 5,300 Moderna doses have been distributed to 18 rural and remote First Nations communities.
- FNHA nursing stations and community clinics will be delivering these doses this week.
- Administration of the balance of allocated doses will also commence this week.

Community	Doses
Ahousaht	520
Ehattesaht/Chinehkint/Nuchat laht	110
Gitga'at	200
Gitxaala	400
Huu-ay-aht	110
Iskut	300
Kitasoo	300
Klahoose	60
Kwadacha	300
Kyuquot	140
Lax Kw'alaams	600
Mowachaht/Muchalaht	190
Namgis	770
Tahltan	300
Takla	200
Tsay Keh Dene	200
Ulkatcho	600
TOTAL	5,300

Moderna Vaccine: Utilization

- Up to and including January 4, at least 1,604 first doses of Moderna vaccine will be administered in BC.
- Moderna vaccine just arrived at health authorities as recently as December 31.
- Roll-out of clinics in 18 remote First Nations communities planned for this week.

	FHA	IHA	VIHA	NHA	VCHA	FNHA	TOTAL
To end of January 3	0	484	0	31	358	576	1,449
<i>Planned January 4</i>	0	155	<i>Five Remote FN Clinics</i>	0	0	<i>Ten Remote FN Clinics</i>	155+
Total to end of January 4	0	639	0+	31	358	576+	1,604+

Progress on Priority Populations for December - February (Up to Jan 4, 2021)

- Up to the close of clinics on January 3, BC has vaccinated a total of 24,139 individuals (not including planned vaccinations on Jan 4):
 - Pfizer: 22,690 individuals
 - Moderna: 1,449 individuals

Progress on Priority Populations for December - February (Up to Jan 3, 2021)

Priority Population	Vaccinated to Date	% Total Administered Vaccines
Residents of Long Term Care (LTC)	4,721	20%
Staff of Long Term Care (LTC)	11,627	48%
Residents of Assisted Living Residences	196	1%
Staff of Assisted Living Residences	209	1%
Assessed/Awaiting LTC	0	0%
Health Care Workers (Hospital Direct)	6,413	27%
Remote/Isolated First Nations ¹	576	2%
Other ²	397	2%
Total	24,139	

Data Source: COVID-19 vaccination eForm and Provincial Immunization Registry (PIR)

¹Based on summary data provided by FNHA

² Other includes: Community Care HCWs, LTC/AL Essential Visitors and Unspecified

Plans for Next Two Weeks (to January 18)

- Administer remaining doses (from Dec/Jan deliveries) with continued focus on priority populations.
- Administer 16,575 additional Pfizer doses arriving this week:
 - FHA: 4,875
 - IHA: 2,925
 - VIHA: 3,900
 - NHA: 975
 - VCHA: 3900
- Key Areas of Focus:
 - LTC and AL - staff, residents, essential visitors vaccinated
 - Broad vaccination coverage in front-lines of acute care (ED/ICU/medical/surgical/ED/paramedics)
 - Ongoing vaccination of First Nations communities

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